

Corrected  
Copy 1/8/2015  
Original - 3/1/2015

Pre October 2014

EPA Order 3500.1 Inspector Training Requirements  
OECA CAA Stationary Sources Inspector Training Course(s),  
Self-Study, and OJT Completion Certification Form

Employee Name:

Carlton Rivera

Mandatory Training Requirement	Date Completed
24 Hours Health and Safety	(45.5) Feb 4-8, 2002
Hazardous Materials Incident Response Opns	
Basic Inspector Training (BIT)	CD/ROM/WEB - Jan 19, 2002
CLASS ROOM	Jan 29-31, 2002
Visible Emissions Training (Required for inspectors conducting opacity readings)	INITIAL Dec 4, 2001
	<del>LAST 7 NOV 2011</del> (certificate attached)
Mandatory Self-Study Requirement	Date Completed
40 CFR §§ 50.1-12: National Primary & Secondary Ambient Air Quality Standards	
40 CFR §§ 51.100-232: Requirements for Preparation	
40 CFR §§ 52.1-34 Approval and Promulgation	
40 CFR §§ 60.1-19 Standards of Performance for New Sources	
40 CFR §§ 63.1-16 National Emission Standards	
§§ 51.166 & 52.21 Prevention of Significant Deterioration of Air Quality	
40 CFR § 51.165: Permit Requirements	

Mandatory Self-Study Requirement	Date Completed
* CAA Compliance Monitoring Strategy (2009)	
* CAA CBI, Information Security Manual (EPA 450-B-03-001)	
* National Stack Testing Guidance	
* Air Pollution Control Technology (CD-ROM)	
* Review two completed program inspection reports for each type of CAA source inspection to be conducted.	
	<i>March 7, 2011</i>
Mandatory OJT Requirement	Date Completed
* Participate in two compliance evaluations with a senior lead inspector. <i>Nov 21, 2002 &amp; Nov 16, 2001 (anyway)</i>	<i>See December 4, 2002 Memo.</i>
Annual Refresher Training	<i>HHS annual 8hr Refresher</i>
	<i>October 24, 2012</i>
	<i>January 14, 2014</i>
* <del>UAQTTP (CARB 100) Level I</del>	<del>March 12-15, 2002</del>
* <del>UAQTTP (CARB 200) Level II</del>	<del>Nov 4-7, 2002</del>

Inspector Certification: *See December 4, 2002, Memorandum for Record and March 7, 2011 Memo to Teresa Rodriguez*  
*Carlos A. Rivera*, certify that I completed the above mandatory 2004 training requirements referenced in the December 23, 2002 EPA Order 3500.1.

Inspector Signature: \_\_\_\_\_

Date: *Sept 1, 2015*

First Line Supervisor/or Designee Certification:

I, Nancy Rodriguez, certify that the above-named inspector completed the above mandatory 2004 training requirements referenced in the December 23, 2002 EPA Order 3500.1, and that the inspector is qualified to conduct quality compliance inspections/field investigations and/or collect compliance samples on behalf of the agency.

Supervisor Signature: Nancy Rodriguez

Date: 6/20/16



# *Visible Emissions Evaluation*

This certifies that...

*Carlos Rivera*

...successfully completed a course in the methods of measurement of visible emissions from sources as specified by Federal Reference Methods 9 and 22 conducted by Eastern Technical Associates of Raleigh, North Carolina.

*Jacksonville, Florida*

Course Location

*December 4, 2001*

Date

*Thomas Rose*

President

*Michael W. Sanford*

Director of Training

*Joseph Spivey*

Instructor

# VISIBLE EMISSIONS EVALUATOR

This is to certify that

*Carlos Rivera*

met the specifications of Federal Reference Method 9 and qualified as a visible emissions evaluator. Maximum deviation on white and black smoke did not exceed 7.5% opacity and no single error exceeding 15% opacity was incurred during the certification test conducted by Eastern Technical Associates of Raleigh, North Carolina. This certificate is valid for six months from date of issue.

291749

Certificate Number

Jacksonville, Florida

Location

December 5, 2001

Date of Issue

Thomas Hore

President

Michael W. Junsford

Director of Training





**National  
Enforcement  
Training  
Institute**

A handwritten signature in cursive script, reading "Gerald A. Bryan".

Gerald A. Bryan, Director  
National Enforcement Training Institute

# CERTIFICATE

*of Completion*

**Carlos Rivera-  
Velazquez**

*has completed the*

**Basic Inspector Course:  
CBT (CD-ROM/WEB)**

*January 10, 2002*

# Certificate of Completion

*This certificate of the  
National Enforcement Training Institute  
has been awarded to*

**Carlos M. Rivera-Velazquez**

*for successful completion of*

**Basic Inspector Training**



January 29 - 31, 2007

Date



Marcia E. Mulkey, Director  
National Enforcement Training Institute

# U.S. ENVIRONMENTAL PROTECTION AGENCY

*This certifies that*

***CARLOS M. RIVERA-VELÁZQUEZ***

*has completed the*

**HAZARDOUS MATERIALS INCIDENT RESPONSE OPERATIONS (165.5)  
Training Course**

*Edison, New Jersey  
February 4 - 8, 2002*

*Presented by the*

**OFFICE OF EMERGENCY AND REMEDIAL RESPONSE**

*3.7 Continuing Education Units*

*This course meets the 29 CFR 1910.120(e)(3)(i) requirements of a minimum of 40 hours  
of off-site safety training for hazardous waste site workers.*

  
\_\_\_\_\_  
**Course Director**  
TetraTech NUS, Inc.

  
\_\_\_\_\_  
**U.S. EPA Training Coordinator**



# U.S. ENVIRONMENTAL PROTECTION AGENCY

This certifies that

***Carlos M Rivera***

has completed

## HAZARDOUS WASTE OPERATIONS AND EMERGENCY RESPONSE (HAZWOPER) EIGHT-HOUR TRAINING

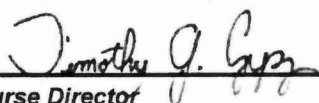
*Puerto Rico  
October 24, 2012*

*0.6 Continuing Education Units*

*This course meets the 29 CFR 1910.120(e)(8) requirement of 8 hours of refresher training  
for hazardous waste site workers.*

Presented by the

**ENVIRONMENTAL RESPONSE TRAINING PROGRAM**

  
\_\_\_\_\_  
Course Director

  
\_\_\_\_\_  
U.S. EPA Project Officer

# U.S. ENVIRONMENTAL PROTECTION AGENCY

This certifies that

***Carlos M Rivera***

has completed

## HAZARDOUS WASTE OPERATIONS AND EMERGENCY RESPONSE (HAZWOPER) EIGHT-HOUR TRAINING

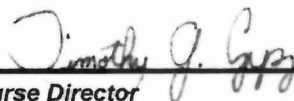
*San Juan, PR  
January 14, 2014*

*0.6 Continuing Education Units*

*This course meets the 29 CFR 1910.120(e)(8) requirement of 8 hours of refresher training  
for hazardous waste site workers.*

Presented by the

**ENVIRONMENTAL RESPONSE TRAINING PROGRAM**

  
\_\_\_\_\_  
Course Director

  
\_\_\_\_\_  
U.S. EPA Project Officer

# Memo

**To:** File

**From:** Carlos M. Rivera Velazquez

**Re:** Certification of Mandatory Self-Study/Review for Inspector Credentials

I, **Carlos M. Rivera** certify that I have read and/or familiarized myself with the following mandatory self-study materials for **CAA Stationary Sources** inspectors no later than the year(s) listed below:

<b>Mandatory Self-Study Requirement<sup>1</sup></b>	<b>Year Completed</b>
<p><b><u>Statutes and Regulations:</u></b></p> <ul style="list-style-type: none"><li>• 40 CFR §§ 50.1-12: National Primary and Secondary Ambient Air Quality Standards</li><li>• 40 CFR §§ 51.100-232: Requirements for Preparation, Adoption, and Submittal of Implementation Plans</li><li>• 40 CFR §§ 52.1-34: Approval and Promulgation of Implementation Plans-General Provisions</li><li>• 40 CFR §§ 60.1-19: Standards of Performance for New Stationary Sources-General Provisions</li><li>• 40 CFR §§ 63.1-16: National Emission Standards for Hazardous Air Pollutants for Source Categories - General Provisions</li><li>• 40 CFR §§ 51.166 and 52.21: Prevention of Significant Deterioration of Air Quality</li><li>• 40 CFR § 51.165: Permit Requirements</li></ul> <p><b><u>Guidance/Reference Materials</u></b></p> <ul style="list-style-type: none"><li>• CM Compliance Monitoring Strategy (2001)</li><li>• CAA Confidential Business Information, Information Security Manual (EPA 450-B-03-001)</li><li>• National Stack Testing Guidance</li></ul>	<p><b>7 March 2011</b></p>
<p><b><u>Self-Study/Review (Air Regulations):</u></b></p> <ul style="list-style-type: none"><li>• Introduction to Air Pollution Control , technology (CD-ROM)</li></ul> <p><b>Review of two completed inspection reports for each type of CAA Stationary Source inspection:</b></p>	<p><b>7 March 2011</b></p>

<sup>1</sup> Note that this list should include any mandatory training requirements on the Pre-October 2014 Inspector Training Completion Form for which no certificate was issued at the time the inspector took the training.

<b>CAA Stationary Source Inspections:</b> <ol style="list-style-type: none"> <li>1. Puerto Rico Electric Power Authority, San Juan Thermoelectric Plant</li> <li>2. Multimedia Inspection, Naval Station Roosevelt Roads, Ceiba</li> </ol>	<b>NOV 2002</b>  <b>FEB 2002</b>
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**Signature of Inspector**



**Date**



**Signature of First-Line Supervisor**



**Date**

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 2

**DATE:** March 7, 2011

**SUBJECT:** Certification of Mandatory Self-Study/Review for Inspector Credentials

**FROM:** Carlos M. Rivera Velazquez  
Environmental Scientist/Enforcement Officer  
Multimedia Permits and Compliance Branch

**TO:** Teresita Rodriguez  
Chief, Multimedia Permits and Compliance Branch

I, Carlos M. Rivera Velazquez, certify that I read or review over the past 10 years, the following mandatory self-study/review requirements for Clean Air Act (CAA) Stationary Sources. Also, I attest that I have completed training in the Asbestos National Emission Standards for Hazardous Air Pollutants (NESHAPS), Stratospheric Ozone Protection and Risk Management Program for inspectors. Below you will find the mandatory self study review topics covered in the last years of work at EPA:

**Part I.**

**Statutes/Regulations**

- 40 CFR §§ 50.1-12: National Primary and Secondary Ambient Air Quality Standards
- 40 CFR §§ 51.100-232: Requirements for Preparation, Adoption, and Submittal of Implementation Plans
- 40 CFR §§ 52.1-34: Approval and Promulgation of Implementation Plans-General Provisions
- 40 CFR §§ 60.1-19: Standards of Performance for New Stationary Sources-General Provisions
- 40 CFR §§ 63.1-16: National Emission Standards for Hazardous Air Pollutants for Source Categories - General Provisions
- 40 CFR §§ 51.166 and 52.21: Prevention of Significant Deterioration of Air Quality
- 40 CFR § 51.165: Permit Requirements

**Guidance/Reference Materials**

- CM Compliance Monitoring Strategy (2001)\*
- CAA Confidential Business Information, Information Security Manual (EPA 450-B-03-001)\*
- National Stack Testing Guidance\*
- Air Pollution Control Technology (CD-Rom)\*
- Review of a minimum of two completed inspection reports for each type of CAA stationary source inspection to be conducted. (\*Source: Greg Fried, 202-564-7016)

## **Self-Study/Review (Environmental Information/Data)**

- Applicability Determination Index (ADI), <http://cfpub2.epa.gov/adi/>
- MACT Prioritization Tool, <http://www.epa.gov/idea/mact/>
- AIRS Facility Subsystem (AFS),  
<http://www.epa.gov/Compliance/data/systems/air/afssystem.html>

## **Part II.**

### **Self-Study/Review for Asbestos NESHAPS (40 CFR part 61)**

#### *Statutes/Regulations*

- Standards of performance for new stationary sources CAA §111
- Hazardous air pollutants CAA §112
- Federal enforcement CAA §113
- Record keeping, inspections, monitoring and entry CAA §114
- 40 CFR Part 61 - National Emission Standards for Hazardous Air Pollutants

Subpart A - General Provisions

Subpart M - National Emission Standard for Asbestos

#### *Guidance/Reference Materials*

- Asbestos NESHAP Milling, Manufacturing, and Fabricating Operations - Field Inspection Checklist (3/92)
- Guidelines for Asbestos NESHAP Landfill Recordkeeping Inspections (3/92)
- A Guide to Normal Demolition Practices Under the Asbestos NESHAP (9/92)
- Guidelines for Asbestos NESHAP Demolition and Renovation Inspection Procedures (11/90)
- Applicability Determination Index (<http://cfpub.epa.gov/adi/>)

#### *Self-Study/Review*

- CAA Stationary Source Civil Penalty Policy - Appendix III and V (7/95)
- Test Method - Method for the Determination of Asbestos in Bulk Building Materials (7/93)
- Implementation Strategy for Revised Asbestos NESHAP (2/91)
- AHERA Training Workshop for NESHAP Inspectors (12/90)
- Documenting an Asbestos CERCLA Violation (1993)
- Asbestos in Buildings: Simplified Sampling Scheme for Friable Surfacing Materials (10/85)
- Guidelines for Catastrophic Emergency Situations Involving Asbestos (2/92- update in 2004)
- OSHA Asbestos Regulations

[www.osha.gov/SLTC/asbestos/index.html](http://www.osha.gov/SLTC/asbestos/index.html) (Safety and Health Tips)

<http://www.osha.gov/SLTC/asbestos/training.html> (Training Materials)

[www.osha.gov/dts/osta/oshasoft/index.html](http://www.osha.gov/dts/osta/oshasoft/index.html) (Compliance Assistance Tools)



## **Self-Study/Review (Air Regulations)**

- Introduction to Air Pollution Control,
  - Standards of Performance for New Stationary Sources (40 CFR §§ 60.20-to end) ,Individual Subparts, as needed.
- National Emission Standards for Hazardous Air Pollutants for Source Categories (40 CFR §§ 63.40-to end) - Individual Subparts, as needed.
- The Plain English Guide to the Clean Air Act (4/93) (EPA 400-K-93-001)\* The New Clean Air Act: What it Means to You (Jan/Feb 1991)\*

Taking Toxics Out of the Air: Progress in Setting "Maximum Achievable Control Technology" Standards Under the Clean Air Act (August 2000)\*

Clean Air Act Civil Penalty Policy\*

How to Review and Issue Clean Air Act Applicability Determinations and Alternative Monitoring: NSPS, NESHAP (EPA 305-B-99-004, 2/99)\*

Guidelines for MACT Determinations Under Section 112(J) Requirements (EPA 453-R-02-001, 2/00)\*

Inspection Protocol and Model Reporting Requirements for Stationary Sources (EPA 340-1-91-007,1991)\*

- Potential to Emit for MACT Standards - Guidance on Timing Issues (5/16/95)\*
- Policy on Timely and Appropriate Enforcement Response to HPV (12/98)\*
- Unified Air Toxics Website, <http://www.epa.gov/ttn/atw> (\*Source: Greg Fried, 202-564-7016)

## **Self-Study/Review (Volatile Organics - VOC's)**

- Handbook: Control Techniques for Fugitive VOC Emissions from Chemical Process Facilities (EPA 625-R-93/005, 3/94)\*'

Handbook: Control Techniques for Hazardous Air Pollutants (EPA 625-6-91-014,6/91)\*

Environmental Regulations and Technology; Fugitive VOC Emissions in the Synthetic Organic Chemicals Manufacturing Industry (EPA 625-10-84-004,12/84)\*

Hazardous Organics NESHAP (HON) Inspection Tool (Volumes 1 & 2)\*

Process-Based Self-Assessment Tool for the Organic Chemical Industry (EPA 305-8-97-002, 4/97)\*

Inspection Manual: Federal Equipment Leak Regulations for the Chemical Manufacturing Industry: (3 Volume Set) (EPA 305-B-98-011, 12/98)\*

Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Volume I: Stationary Point and Area Sources, \* (\*Source: Greg Fried, 202-564-7016)

## **Recommended Self-Study/Review (Particulate Emissions)**

- Control Techniques for Particulate Emissions from Stationary Sources: Volumes 1 & 2, September, 1982 (EPA-450-3-81-005) (Source: Greg Fried, 202-564-7016)

## **Recommended Self-Study/Review (Combustion Sources)**

- Combustion Emissions Technical Resource Document (CETRED) (EPA 530-R-94-014, 5/94) (Source: Greg Fried, 202-564-7016)
- Combustion Related Rules, <http://www.epa.gov/ttn/atw/combustllist.html>

### **Part III.**

#### **Self-Study/Review on Stratospheric Ozone Protection (40 CFR part 82)**

##### *Statutes/Regulations*

- Federal Enforcement CAA §113
- Record keeping, inspections, monitoring and entry CAA §114
- Title VI - Stratospheric Ozone Protection; specifically, CAA §§604, 608, 609, 610, 611, and 612.
- 40 CFR Part 82 - Protection of Stratospheric Ozone
  - Subpart A - Production and Consumption Controls
  - Subpart B - Servicing of Motor Vehicle Air Conditioners
  - Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances
  - Subpart D - Federal Procurement
  - Subpart E - The Labeling of Products Using Ozone-Depleting Substances
  - Subpart F - Recycling and Emissions Reduction
  - Subpart G - Significant New Alternative Policy Program
  - Subpart H - Halon Emissions Reduction

##### *Guidance/Reference Materials*

- Section 608/609 Inspectors Manual (10/98)
- CMA/EPA Industrial Leak Repair Guidance (2/96)

#### **Self-Study/Review**

- CAA Stationary Source Civil Penalty Policy - Appendix V, VIII, IX and X (7/95)
- CAA Confidential Business Information Training (EPA 450/B-03-001, March 2003)
- Federal Register Notices (Preamble Only)
  - Subpart A - Production and Consumption Controls
    - Phaseout of Production of Class I and Class II Substances Final Rule (July 0, 1992; 57 FR 33754)
  - Subpart B - Servicing of Motor Vehicle Air Conditioners
    - Handling of HFC-134a and Other Substitutes for CFC-12 Final Rule (December 30, 1997; 62 FR 68026)
  - Subpart C - Ban on Nonessential Products Containing Class I Substances and Ban on Nonessential Products Containing or Manufactured with Class II Substances
    - Class I Nonessential Products Ban Final Rule (January 15, 1993; 58 FR 4768)
    - Class II Nonessential Products Ban Final Rule (December 30, 1993; 58 FR 69638)
  - Subpart E - The Labeling of Products Using Ozone-Depleting Substances
    - Labeling Regulation Final Rule (February 11, 1993; 58 FR 8136)
    - Amendment with Exemptions Final Rule (January 19, 1995; 60 FR 4010)
  - Subpart F - Recycling and Emissions Reduction;
    - Industrial Process Refrigeration Leak Repair Regulations Final Rule (August 8, 1995; 60 FR 40420)
    - Technician Certification Amendment; Final Rule (November 9, 1994; 59 FR 55912)
    - Technical Amendments for Technician Certification Direct Final Rule (August 19, 1994; 59 FR 42950)
    - Recycling of Ozone-Depleting Refrigerants Final Rule (May 14, 1993; 58 FR 28660)
  - Subpart G - Significant New Alternative Policy Program
    - Original SNAP listing (March 18, 1994; 59 FR 13044),

Subpart H - Halon Emission Reduction

Handling and disposal of Halon 1211, Halon 1301, and Halon 2402 equipment (March 5, 1998; 63 FR 11084).

EPCRA/TRI Chemical List [www.epa.gov/tri/chemical/chemlist2001.pdf](http://www.epa.gov/tri/chemical/chemlist2001.pdf)

RCRA regulations applicable to the disposal of used CFCs (40 CFR 260 & 261).

- Other Federal Agency Regulations

U.S. Customs Seizure Regulations - 19 CFR 12

IRS Excise Tax Regulations - [www.irs.gov](http://www.irs.gov), search for Form 6627 and 26 CFR 52.

**Part IV.**

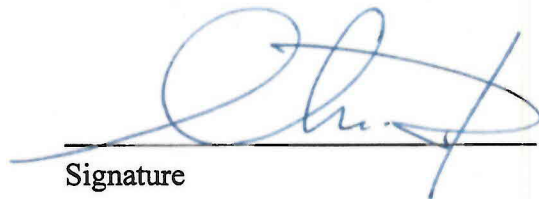
**Self-Study/Review on CAA Section 112(r) – Risk Management Plans (40 CFR part 68)**

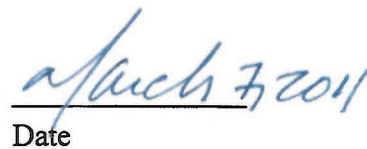
***Statutes/Regulations***

- 40 CFR Part 68 - Risk Management Program Rule
- 29 CFR Part 1910.119 - Occupational Safety and Health Administration Process Safety Management

***Guidance/Reference Manuals***

- General Guidance for Risk Management Programs (EPA 550-B-00-008)
- Guidance for Auditing Risk Management Plans/Programs (EPA 550-B-99-008)
- RMP Submit User's Manual (EPA 550-B-99-011)
- <http://www.epa.gov/oem/docs/chem/RMP-2004User-Manual-Final.pdf>
- RMP Review User Manual (SDC-0002-008-DT-2018)
- [http://epa.gov/OEM/docs/chem/review\\_manual.pdf](http://epa.gov/OEM/docs/chem/review_manual.pdf)
- Industry Specific Documents (sector, process, and general), [www.epa.gov/tri](http://www.epa.gov/tri)
- Review of a minimum of two completed inspection reports.

  
Signature

  
Date

Memo

To: File

Re: Certification of Mandatory On-the-Job Training for Inspector Credentials

*CM*  
I, Carlos M. Rivera Velazquez, certify that I have conducted, at least two inspections, including inspection preparation procedures, at the following types of facilities with Francisco Claudio Rios, Senior Environmental Engineer for the U.S. EPA Region 2 CEPD back in 2002 before leading an inspection as required by the training requirements for Clean Air Act (CAA) Stationary Sources inspectors. Two inspections are:

- Puerto Rico Electric Power Authority, San Juan Thermoelectric Plant
- Multimedia Inspection at Naval Station Roosevelt Roads, Ceiba

*[Signature]*  
Inspector's Signature

*April 7 2011*  
Date

*CM*  
I, Carlos M. Rivera Velazquez, certify that I have conducted, at least two inspections, including inspection preparation procedures, at different types of facilities with Francisco Claudio Rios, Senior Environmental Engineer for the U.S. EPA Region 2 CEPD. These inspections were conducted during FY 2002-2004 before leading an inspection as required by the training requirements for CAA Asbestos NESHAPS and Asbestos Hazard Emergency Response Act (AHERA) inspectors. Two inspections are:

- Federico Degetau Elementary School, Aibonito, PR
- Former Ramey Air Base Officer Club and Barracks abatement Projects

*CM*  
I, Carlos M. Rivera Velazquez, certify that I have conducted, at least two inspections, including inspection preparation procedures, at different types of facilities with Francisco Claudio Rios, Senior Environmental Engineer for the U.S. EPA Region 2 CEPD. These inspections were conducted during FY 2002-2004 before leading an inspection as required by the training requirements for Stratospheric Ozone Protection for compliance inspectors. Two inspections are:

- Multimedia Inspection at Naval Station Roosevelt Roads, Ceiba
- Multimedia Inspection to the Luis Muñoz Marin International Airport, Carolina

*CM*  
I, Carlos M. Rivera Velazquez, certify that I have conducted, at least two inspections, including inspection preparation procedures, at different types of facilities with Ellen Banner and Dwayne Harrington, On Scene Coordinators U.S. EPA Region 2 ERRD, Edison, NJ. These inspections were conducted during FY 2004-2008 before leading an inspection as required by the training requirements for CAA Section 112(r) - Risk Management Plans compliance inspectors. Two inspections are:



- Puerto Rico Aqueduct and Sewer Authority (PRASA) Puerto Nuevo and Chlorine Distribution Center, San Juan;
- Ochoa Industrial Chemicals, Cataño

I have reviewed the statement above and find that it meets the requirements for EPA Order 3500.1 program-specific training requirements for Clean Air Act (CAA) Asbestos NESHAPS. *and*  
The inspector is approved to lead inspections.

*Teresa Rodriguez*  
Supervisor's Signature

*stationary sources, stratospheric ozone  
Protection and 112(r).*  
3/10/2011  
Date